GUREVICH, B.A.; PERTSOVSKIY, L.M.; PONKRATOV, B.K.

Methodical problems on the determination of future demands of electrified transportation on electric power systems. Obshch. energ. no.4:124-139 '61. (MIRA 14:8)
(Electric power distribution) (Electric railroads--Current supply)

GUREVICH, B.A.; PONKRATOV, B.K.; TSVETKOV, B.M.

Problem concerning the determination of the future industrial load component of an electric power system. Obshch.energ. no.4:7-17 '61. (MIRA 14:8)

(Electric power distribution)

YAKOVENKO, D.K.; GUN, M.G.; POPOV, T.I.; PONKRATOV, N.P.

The ShPS-1 grinder for mosaic panels [Suggested by D.K. IAkovenko and others] Rats. i izobr. predl. v stroi. no.6:119-121 '58.
(Grinding machines) (MIRA 11:10)

YAKOVENKO, D.K.; GUN, M.G.: POPOV, T.I.: PONKRATOV, N.P.

The ShPS-2 grinder for mosaic sills and steps. [Suggested by D.K. IAkovenko and others] Rats. i izobr. predl. v stroi. no.6:122-125 '58. (MIRA 11:10)
(Grinding machines)

ANTONOV, O.Ye.; PONKRATOV, V.S.

Passage of signals through a nonlinear quadripole. Radiotekhnika 18 no.11:13-19 N '63. (MIRA 16:12)

1. Deystvitel'nyye chleny Nauchno-tekhnicheskogo obshchestva radiotekhniki i elektrosvyazi imeni Popova.

PONKRATOV, V. S., Cand Tech Sci -- (diss) "Autogenerator with delayed negative feedback." Moscow, 1960. 11 pp; (Ministry of Higher and Secondary Specialist Education RSFSR, Moscow Order of Lenin Aviation Inst im Sergo Ordzhonikidze); 160 copies; price not given; (KL, 19-60, 135)

SOV/142-58-6-11/20

6(4)
AUTHOR: Ponkratov, V.S.

TITLE: Steady-State Conditions of an Autogenerator With Delayed Feedback Coupling (Statsionarnyye rezhimy avtogeneratora s zapazdyvayushchey obratnoy svyaz'-yu)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy - Radiotekhnika, 1958, Nr 6, pp 705-713 (USSR)

ABSTRACT: The article studies stable generation of several frequencies simultaneously in an autogenerator, as a function of the form of the amplitude-frequency characteristic of the oscillator system, and the form of the volt-ampere characteristic of the non-linear element. Analysis, theoretical and experimental, is applied to both rigid and non-rigid operating conditions of generation. The equivalent circuit of an autogenerator with delayed feedback coupling (Figure 2) is briefly discussed, and the author points out that such a circuit is characterized by more than one resonant frequency. The ex-

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Steady-State Conditions of an Autogenerator With Delayed Feedback Coupling

pression for the steady-state conditions for each of the oscillations is presented (eq 5). In analyzing non-rigid operating conditions it is concluded that simultaneous generation on two resonant frequencies with any form of the amplitude-frequency characteristic is impossible, although steady-state conditions for oscillation on three or more frequencies are possible only with a saddle-shaped amplitude-frequency curve (Figure 5). Analysis of rigid operating conditions leads to the conclusion that stable conditions for two simultaneous oscillations exist. The case of three or more oscillations under rigid operating conditions was not considered. An experiment performed on a model of the autogenerator at a frequency of 2 mc, with a load in the form of coupled circuits, and delay (= 19 M/sec) in the feedback coupling loop in the form of an artificial line, corroborated all theo-

SOV/142-58-6-11/20

Steady-State Conditions of an Autogenerator With Delayed Feedback Coupling

Kafedra teoreticheskikh osnov radiotekhniki Moskovskogo ordena Lenina aviatsionnogo instituta imeni S. Ordzhonikidze (Chair for the Theoretical Bases of Radio Engineering of the Moscow Order of Lenin Aviation Institute imeni S. Ordzhonikidze).

There are 3 graphs, 1 block diagram, 1 circuit diagram, and 5 Soviet references.

SUBMITTED: May 24, 1958

Card 4/4

PONKRATOV, V.S.

Stationary conditions in an oscillator with retarding feedback. Izv.vys.ucheb.zav.; radiotekh. no.6:705-713 N-D '58. (MIRA 12:4)

1. Rekomendovana kafedroy teoreticheskikh osnov radiotekhniki Moskovskogo ordena Lenina aviatsionnogo instituta imeni S.Ordzhonikidze.

(Oscillators, Electron-tube)

PONKRAT'YEV, V.V., inzh.; BELKINA, N.N., red.; KAMYSHNIKOVA, A.A., tekhn. red.

[Collection of inventions; manufacture of machinery for the food industry] Sbornik izobretenii; prodovol'stvennoe mashinostroenie. Moskva, TSentr. biuro tekhn. informatsii, 1961. 137 p. (MIRA 15:3)

1. Russia (1923- U.S.S.R) Komitet po delam izobreteniy i otkrytiy.
(Food industry--Equipment and supplies)

I 60310-65

ACCESSION NR: AP5021233 RU/0011/64/008/005/0211/0219

AUTHOR: Ponner, I. (Engineer)

TITLE: Study on the parallel operations of two gasotrons in a polyphase rectifying circuit

SOURCE: Automatica si electronica, v. 8, no. 5, 1964, 211-219

TOPIC TAGS: electronic circuit, electron tube

ABSTRACT: The author derives some mathematical relationships allowing the easy calculation of the values of resistances connected in

ASSOCIATION: none

SUBMITTED: 00	ENCL: 00	SUB CODE: EC
NO REF SOV: 000	OTHER: 002	JPRS

Card 1/1 fmp

PIGIN, R.N., kand. tekhn. nauk; PONNIK, Yu.A.; FARBER, I.L., doktor tekhn.nauk

Using the method of electrohydrodynamic analogies to investigate certain problems of underground coal gasification. Podzem. gaz. ugl. no.4:46-49 '58. (MIRA 11:12)

1.Institut goryuchikh iskopayemykh im. G.M. Krzhizhanovskogo AN SSSR.
(Coal gasification, Underground--Models)

PITIN, R.N.; PONNIK, Yu.A.

Aerodynamic effectiveness of a hydraulic breakdown of a seam in the underground gasification of coals. Trudy IGI 16:284-294 '61.
(MIRA 16:7)
(Coal gasification, Underground)

L 14479-66 EWT(1)/EWT(m)/T IJP(c) WW/JW/JWD/WE/GS

ACC NR: AT6004586 SOURCE CODE: UR/0000/65/000/000/0106/0111

AUTHOR: Alekseyev, A. M.; Kantorovich, B. V. (Doctor of technical sciences; Professor); Golovina, G. S.; Ivanov, V. M.; Pitin, R. N.; Ponnik, Yu. A.; Frenkina, Z. I.; Cheredkova, K. I.

ORG: none

TITLE: Study of the effect of a magnetic field on a stream of burning fuel

SOURCE: AN SSSR. Institut goryuchikh iskopayemykh. Novyye metody szhiganiya topliv i voprosy teorii goreniya (New methods in the combustion of fuels and problems in the theory of combustion). Moscow, Izd-vo Nauka, 1965, 106-111.

TOPIC TAGS: combustion, propulsion, magnetic field, gas combustion

ABSTRACT: It has been previously shown that the shape of a flame can be substantially changed and the burning velocity can be increased by the application of a magnetic field. Therefore, the use of a magnetic field to intensify combustion processes is considered in the present study, by determining the effect of a magnetic field on a burning CH_4-oxygen jet issuing from a combustion chamber through a 19.5 x 9.4 mm nozzle into air. Two cooled poles of a magnet 120 mm long were placed 15 mm from the nozzle outlet to generate a magnetic induction of 16 kgs in the 10-mm-wide gap through which the jet passed. The velocity of the gas jet was close to sonic. Measurements were made of the velocity, the flame temperature, and concentrations along the axis in the presence and absence of the magnetic field. The results

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ACC NR: AT6004586

showed that due to the magnetic field the flame temperature increased by 100—200C, the velocity decreased, and the dilution with ambient air decreased. These changes are attributed to the partial conversion of kinetic into thermal energy caused by the magnetic field. Orig. art. has: 5 figures. [PV]

SUB CODE: 21/ SUBM DATE: 09Sep65/ ORIG REF: 002/ ATD PRESS: 4194

Card 2/2

MORGAYLO, P.D., tekhnik; POPOCHEVSKAYA, L.V., tekhnik.

Reinforced concrete crossarms. Energetik 2 no.6:22-23 Je '54.
(Electric lines--Overhead) (MLRA 7:7)

L 00811-67 EWT(1) IJP(c)

ACC NR: AP6028710 SOURCE CODE: UR/0185/66/011/008/0857/0865

AUTHOR: Kyslyak, H. M. --Kislyak, G. M.; Lysenko, H. M. -- Lysenko, G. M.; Ponochovnyy, V. I.

ORG: Poltava Pedological Institute im. V. G. Korolenka (Poltavs'kyy pedinstitut)

36
B

TITLE: Concentration extinction of phosphorescence

SOURCE: Ukrayins'kyy fizychnyy zhurnal, v. 11, no. 8, 1966, 857-865

TOPIC TAGS: phosphorescence, fluorescence, absorption spectrum, molecular association theory, resonance migration theory

ABSTRACT: The authors investigated the duration of the phosphorescence of many organic compounds in various solvents (boric acid, aluminum alums, cement, oxides, alcohols, acids) in an activator concentration range of 1.10^{-1} to $1 \cdot 10^{-7}$ g/g or g/cm^3 at 160°C to the temperature of liquid oxygen. It is shown that at high activator concentrations, the decrease in the duration of phosphorescence can be explained by the theory of molecular association [1] or the theory of resonance migration of energy from excited to unexcited molecules. However, phosphorescence extinction cannot be explained by either of these theories for

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Card 2/2 ULR

SAUSHEV, Viktor Sergeyevich; PONOFIDIN,G.A., redaktor; AVRUSHCHENKO,R.A., redaktor; KONYASHINA,A., tekhnicheskiy redaktor

[Fire prevention inspection of petroleum storage stations] Protivopozharnoe obsledovanie neftebaz Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1955. 45 p. (MIRA 9:2)
(Petroleum industry--Fires and fire prevention)

L 46950-66 EWP(e)/EWT(m)/EWP(v)/T/EWP(t)/ETI/EWP(k) IJP(c) JD/HM/HW

ACC NR: AT6024936 (A,N) SOURCE CODE: UR/2981/66/000/004/0238/0253

AUTHOR: Kovrizhnykh, V. G.; Vorob'yev, A. A.; Ponogaybo, Yu. N.; Tsabrov, N. D.; Matveyev, B. I.

42
B+1

ORG: none

TITLE: Preparation of weldable sheets of SAP-1 alloy by coil rolling

SOURCE: Alyuminiyevyye splavy, no. 4, 1966. Zharoprochnyye i vysokoprochnyye splavy (Heat resistant and high-strength alloys), 238-253

TOPIC TAGS: sintered aluminum powder, hot rolling, cold rolling, sheet metal

ABSTRACT: The purpose of the work was to determine the feasibility of preparing thin sheets 0.6 to 3 mm thick of industrial dimensions (1000-1400 mm wide and 3500-7000 m long) from fusion-welded SAP-1 material (a sintered aluminum powder material) by coil rolling on existing industrial equipment, and also to study the mechanical properties and structure of hot- and cold-rolled sheets in relation to the conditions of deformation and annealing. It was found possible to produce such sheets by using a billet made by stamping on a vertical hydraulic press, and to weld them by fusion. Vacuum annealing can be replaced by long high-temperature annealing without vacuum for the purpose of adequately degassing the briquet and imparting weldable properties to the SAP-1 material. In order to obtain the maximum strength characteristics at high temperatures, the sheets should be produced only by hot rolling. If thin sheets cannot

Card 1/2

AUTHOR: Ponomar', V. I. 32-24-6-40/44

TITLE: A Photometric Headpiece for a Styloscope (Fotometricheskaya nasadka k stiloskopu)

PERIODICAL: Zavodskaya Laboratoriya, 1958, Vol 24, Nr 6, pp 780 - 781 (USSR)

ABSTRACT: A headpiece with a polaroid was produced in which the polaroid band of a width of 1 mm being stuck onto the indicator of the output opening of the styloscope SL-10 in front of the ocular, while the second round polaroid is mounted into the headpiece--casing. A diagram of the headpiece is given, from which it may be seen that graduation is up to 1^0 and that the comparative band is under the polaroid band. The calibration diagrams are curvilinear in the coordinates of the "concentration of the elementary angle of rotation of the scale to be analyzed", while in the coordinates "concentration-logarithm of the square of the sine of the angle of rotation of the scale" they are straight. Methods were developed for the determination of lead (0,8 - 1,9%) and iron (0,04 - 0,35%) in the brass LS59-1; the method of analysis is described. The registration of the calibration curves per element takes 40 minutes and the analysis

Card 1/2

A Photometric Headpiece for a Styloscope 32-24-6-40/44

of the sample of the two elements another 3,5 - 4 minutes. The difference between these results and those obtained by the chemical method does not exceed ± 0,1% abs. for lead and 0,02% for iron. This apparatus has been used with success already for two years. There is 1 figure.

ASSOCIATION: Artemovskiy zavod po obrabotke tsvetnykh metallov (Artemovskiy Plant for Processing of Non-Ferrous Metals)

1. Spectrum analyzers--Equipment 2. Spectrum analyzers--Performance

Card 2/2

POMOMAR', V.I.

Photometric attachment for a steeloscope. Zav. lab. 24 no. 6:780-781 '58. (MIRA 11:7)

1. Artemovskiy zavod po obrabotke tsvetnykh metallov.
(Photometer)
(Spectrum analysis)

BELKINA, G.L.; KUROYEDOV, V.A.; LAPOVOK, V.I.; LIKHTEROV, I.M.; MERMEL'SHTEYN, G.R.; OVCHARENKO, Ye.Ya.; PONOMAR', V.I.; SABAYEV, V.I.; SOTNIKOV, V.A.; FAYNBERG, L.I.; FEOKTISTOVA, N.D.

X-ray spectral analysis of brass in the process of smelting. Zav.lab. 31 no.4:427-428 '65. (MIRA 18:12)

1. Konstruktorskoye byuro "TSvetmetavtomatika" i Artemovskiy zavod tsvetnykh metallov im. E.I.Kviringa.

USSR / Cultivated Plants. Fruit Trees. Small Fruit Plants. Nut Trees. Tea. M

Abs Jour : Ref Zhur - Biologiya, No 6, 1959, No. 25026

Author : Ponomar', V. S.
Inst : Not given
Title : Towards the Problem of Distributing Horticulture in Moldavia

Orig Pub : Nekotoryye vopr. econ. s.-kh. vyp 1, Kishinev, 1958, 45-64

Abstract : No abstract given

Card 1/1

3(5)

AUTHORS: Bulkin, G. A., Ponomar', V. S. SOV/20-127-6-34/51

TITLE: On the Mineral Composition and the Genesis of the Deposits of the Recent Beach on the West Coast of the Crimea

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 127, Nr 6, pp 1265-1268 (USSR)

ABSTRACT: The problem mentioned in the title has not yet been investigated; it is, however, important for the reconstruction of the paleographic circumstances of the sedimentation and recent changes in the coastline caused by it. This again constitutes the basis for the setting up of several practical problems. The present article is concerned with the clarification of these problems by the example of the coastal zone between the mouth of the river Bel'bek and the Kyzyl-Yar lake. The situation of the area and of the beach is described. The beach is not wide (up to 10-15 m), and is lined by a steep coast on the continental side. The surface of an old terrace adjoining the beach is limited by the edge of this step. It was formed at the end of Pliocene and at the beginning Quaternary. By a comparative mineralogical investigation, the authors attained results which make it possible to revise the opinion of some

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scientists (Ref 4) concerning the origin of the initial material of the beach. Table 1 shows that there is a considerable difference between the mineral composition of the sediments of the old-Quaternary terrace and of the recent beach. The beach was not formed from the sediments of the terrace washed out by the sea, but from the sediments, washed out and worked off by abrasion, of the limans previously present in the mouths of the rivers Bel'bek, Kacha, Al'ma, and Bulganak. Besides, sand-pebble formations of the said rivers were deposited, particularly during the spring floods. The terrace was then -before the abrasion - protected by the said limans which might have been similar to the recent limans of the Black Sea. Only quite recently, the sediments of the terrace started to be eroded, and to contribute to the sediments of the beach. The principal difference in the mineral composition of the beach and of the terrace lies in the absence of staurolite, zoisite, and epidote in the terrace sdiments, while kianite and andalusite are, on the other hand, missing in the beach sediments. Garnet, ilmenite, and magnetite are also better represented in the beach sediments than in the terrace, while zirconium and apatite are present

On the Mineral Composition and the Genesis of the Deposits of the Recent Beach on the West Coast of the Crimea

SOV/20-127-6-34/51

in greater quantities in the terrace than in the beach sediments(Table 1)(Abstracter's note: the data on brookite and glauconite in table 1 and in the text, p 1268, lines 3 and 4 from top, are contradictory). There are 1 table and 6 Soviet references.

ASSOCIATION: Institut mineral'nykh resursov Akademii nauk USSR (Institute of Mineral Resources of the Academy of Sciences, UkrSSR)

PRESENTED: May 27, 1959, by N. M. Strakhov, Academician

SUBMITTED: April 25, 1959

Card 3/3

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001342110011-7"

PONOMAR', V.S. [Ponomar, V.S.]

On certain general features in the geomorphological structure of the Crimean Mountains. Geog. zbir. no.6:59-65 '62.
(MIRA 15:9)

(Crimean Mountains--Geomorphology)

PONOMAR', Ye.

Poliomyelitis will be conquered. Nauka i zhizn' 27 no.8:75 Ag '60. (MIRA 13:7)

1. Uchennyy sekretar' Uchenogo meditsinskogo soveta Ministerstva zdravookhraneniya RSFSR.
(POLIOMYELITIS--PREVENTION)

DVIZHKOV, P.P., prof.; PONOMAR', Ye.K.

Research plan of public health organizations of the R.S.F.S.R. for 1960. Vest. AMN SSSR 15 no.9:68-71 '60. (MIRA 13:11)
(PUBLIC HEALTH)

17(SOV/25-59-9-43/49

AUTHOR: Ponomar', Ye.K., Scientific Secretary

TITLE: Nettle Rash

PERIODICAL: Nauka i zhizn', 1959, Nr 9, p 79 (USSR)

ABSTRACT: In answer to a reader's question, the author writes about medicinal preparations being applied in nettle rash. Various desensibilizing medicines are used which reduce the reaction of the nervous system, such as calcium chloride, hyposulfite, magnesium sulfate and recently, cortisone and adrenocorticotropic hormones (AKTG) as well as adrenalin, ephedrine and atropine. The so-called antihistamine preparations dimedrol, etizin, etc. are especially efficacious.

ASSOCIATION: Uchenyy meditsinskiy sovet Ministerstva zdravookhraneniya RSFSR (Scientific Medical Council of the Ministry for Public Health of the RSFSR)

Card 1/1

PONOMAR', Ye.K.

Oxygen injections. Nauka i zhizn' 27 no. 4:79 Ap '60. (MIRA 14:5)

(ARTERIES—DISEASES)

JELISIEJEW, W.G. [Yeliseyev, V.G.] (Moscow); PONOMAR, E.K. [Ponomar, Ye. K.] (Moscow); SPERANSKAJA, M.P. [Speranskaya, M.P.] (Moscow)

On glycogen in leucocytes in an asseptic inflammation focus. Folia Morphologica 12 no. 2/3:129-136 '61.

1. Instytut Medycyny im. I.M. Seczenowa, Moskwa, 48 Pirogowska 2/6.

PONOMAR', Ye.K.

In the presidium of the medical council of the R.S.F.S.R. Ministry of Public Health. Zdrav.Ros.Feder. 3 no.2:45-46 F '59.
(MIRA 12:2)

(PUBLIC HEALTH)

PONOMAR', YE. K.

Plan for research problems in public health institutions of the R.S.F.S.R. Zdrav. Ros. Feder. 3 no.3:40-42 Mr '59. (MIRA 12:4)
(PUBLIC HEALTH RESEARCH)

POMOMAR', Ye.K.

In the Medical Council of the Ministry of Public Health of the R.S.F.S.R. Zdrav. Ros. Feder. 3 no.4:37-41 Ap '59. (MIRA 12:4)
(PUBLIC HEALTH)

PONOMAR', Ye.K.

Nettle rash. Nauka i zhizn' 26 no.9:79 S '59. (MIRA 13:1)

1.Uchenyy sekretar' Uchenogo meditsinskogo soveta Ministerstva zdravookhraneniya RSFSR.
(URTICARIA)

POMOMAR', Ye.K.

In the Medical Council of the R.S.F.S.R. Ministry of Public Health.
Zdrav. Ros. Feder. 3 no.5:45-46 My '59. (MIRA 12:7)
(MEDICAL RESEARCH)

PONOMAR', Ye.K.

Oxygen heals. Nauka i zhizn' 26 no.1:77-78 Ja '59. (MIRA 12:1)

1. Uchenyy sekretar' Uchenogo meditsinskogo soveta Minzdrava RSFSR.

(OXYGEN--THERAPEUTIC USE)

SOV/25-59-1-45/51

AUTHOR: Ponomar', Ye.K., Scientific Secretary of the Council

TITLE: Medical Treatment with Oxygen (Kislorod lechit)

PERIODICAL: Nauka i zhizn', 1959, Nr 1, pp 77-78 (USSR)

ABSTRACT: In answer to a reader's request, the author describes the possibilities of applying oxygen in medical science.

ASSOCIATION: Uchenyy meditsinskiy sovet Minzdrava RSFSR (Scientific Medical Council of the RSFSR Ministry of Health)

Card 1/1

PONOMAR', Ye.K.

In the Medical Council of the R.S.F.S.R. Ministry of Public Health.
Zdrav.Ros.Feder. 3 no.1:39-41 Ja '59. (MIRA 12:2)
(PUBLIC HEALTH)

PONOMAR', Ye.K.

In the Medical Council of the Ministry of Public Health of the R.S.F.S.R. Zdrav. Ros.Feder. 2 no.12:41-43 D'58 (MIRA 11:12)
(PUBLIC HEALTH)

PONOMAR', Ye.K.

In the Medical Council of the Ministry of Public Health of the R.S.F.S.R. Zdrav.Ros.Feder. 3 no.9:41-45 S '59.
(MIRA 12:11)

(PUBLIC HEALTH)

PONOMAR', Ye.K.

In the Presidium of the Scientific Medical Council of the Ministry of Public Health of the R.S.F.S.R. Biul. Uch. med. sov. 2 no.1:37-43 Ja-F '61. (MIRA 14:10)

(PUBLIC HEALTH--RESEARCH)

PONOMARCHENKO, V. I.

33234. Kuznitsa Vinodel'cheskikh Kadrov. (Kishinevskoye Uchilishche Vinodeliya). Vinodeliye I Vinogradarstvo Moldavii, 1949, No 5, c. 43-44

SO: Letopis' Zhurnal'nykh Statey, Vol. 45, Moskva, 1949

PONOMARCHUK, A.F., inzh.; SAMOYLENKO, N.M., inzh.

New P-1-75 air drill. Gor. zhur. no.9:55-56 S '62. (MIRA 15:9)

1. Nauchno-issledovatel'skiy gornorudnyy institut (for Ponomarchuk). 2. Rudoupravleniye im. Dzerzhinskogo Krivoy Rog (for Samoylenko).

(Boring machinery)

PONOMARCHUK, A.F., inzh.

Boring and blasting operations in shaft sinking in the Krivoy Rog Basin. Shakht. stroi. 5 no.7:23-24 Jl '61. (MIRA 15:6)

1. Nauchno-issledovatel'skiy gornorudnyy institut.
(Krivoy Rog Basin--Shaft sinking)
(Blasting)

PONOMARCHUK, A.F.

Electronic device for measuring the deflection of boreholes. Razved.i okh.nedr 28 no.3:59-61 Mr '62. (MIRA 15:4)

1. Nauchno-issledovatel'skiy gornorudnyy institut.
(Boring—Electronic equipment)

PONOMARCHUK, D.M.

USSR/Cultivated Plants. - Fodder M-6

Abs Jour : Ref Zhur - Biol., No 1, 1958, No 1624

Author : V.I. Musatova, D.M. Ponomarchuk
Inst : Not Given
Title : Hybrid Variety of Clover "Severyanin".

Orig Pub : Selektsiya i semenovodstvo, 1957, No 2, 47-48

Abstract : The Severyanin variety (an improved Pechorskiy) was obtained by the Syslo'skiy Variety Division (Komi ASSR) through crossing the Pechorskiy wild clover with Permskiy and Yaroslavskiy clover and subsequent mass selection in combination with directional raising. The Severyanin is characterized by tall plants (70-95 cm), pronounced bushiness and uniform foliage. The yield of hay under the conditions of Komi ASSR on a 10 year average was 5-7 centners per hectare greater than that of the other varieties of the clovers, assigned to specific rayons.

Card : 1/1

PONOMARCHUK, G. F.

Fish, Smoked

New method for drying fish before cold smoking, Ryb. khoz. 29, No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953, Unclassified.

PONOMARCHUK, Innokentiy Innokent'yevich; VORONKOVA, Ye., tekhn. red.

[Penza Reinforcement Plant of communist labor] Penzenskii armaturnyi - zavod kommunisticheskogo truda. Penza, Penzenskoe knizhnoe izd-vo, 1962. 63 p. (MIRA 17:3)

PONOMARCHUK, I.

Develop state insurance in the Virgin Territory. Fin. SSSR 37 no.11:68-70 N'63. (MIRA 17:2)

1. Nachal'nik upravleniya Upravleniya gosudarstvennogo strakhovaniya po TSelinnomu krayu.

PONOMARCHUK, K.I.

Role of operative planning and dispatching in especially important projects. Stroi. truboprov. 9 no.6:13-14 Je '64.
(MIRA 17:12)

1. Trest Ukrgazneftestroy, Kiyev.

PONOMARCHUK, K.I.

Building a large centralized truck fleet. Stroi. truboprov. 9 no.5: 22-23 My '64. (MIRA 17:9)

1. Trest Ukrgazneftestroy, Kiyev.

PONOMARCHUK, M. K.

KOVUN, P.K., NEVZOROV, A.P., ANTONENKO, G.P.,; BUDINA,L.V.; VCRONINA, Ye.P.; GUSEV, P.I.: YELAGIN, M.N., ZHURAVLEV, M.A., ZALOZNYY, K.D.: KOMKOV,V.N.; KOROBOV, A.S.;KORCHAGIN, V.N.; LAVROV, V.N.; LAPSHINA, O.V.; LUTIKOV,I.Ye., MAKEVNIN, A.Ya.;MOROZOVA, F.I.;NEVZOROV, A.P.;PONOMARCHUK, M.K.;PUCHKOV, A.M.; RAZMOLOGOVA, A.M.;RUBIN, S.M.; SELEZNEVA, O.V.;SELENOVA, F.I.; SPIRIDONOVA, A.I.;SUSHCHEVSKIY, M.G.;USOV, M.P.; TARKOVSKIY, M.I.; CHENYKAYEVA, Ye.A.;SHENDRIKOV, G.L.; SHUL'GIN, G.T.;TSITSIN, N.V.,akademik, redaktor;REVENKOVA, A.I.,redaktor; KHOKHRINA, N.M., khudozhestvennyy redaktor; VESKOVA, Ye.I., tekhnicheskiy redaktor; PEVZNERV.B.I., tekhnicheskiy redaktor.

[Plant breeding at the 1955 All-Union Agricultureal Exhibition] Rastenievodstvo na Vsesoiuznoi sel'skokhoziaistvennoi vystavke 1955 goda. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1956. 687 p. (MLRA 10:4)
(Moscow--Plant breeding--Exhibitions)

PONOMARCHUK, M.K., agronom; YAKUSHKIN, I.V., akademik, otvetstvennyy redaktor; BARANOV, M.F., redaktor; FEDOTOVA, A.F., tekhnicheskiy redaktor; RALLOD, A.I., tekhnicheskiy redaktor

[Plant growing at the All-Union Agricultural Exhibition of 1956] Rastenievodstvo na Vsesoiuznoi sel'skokhoziaistvennoi vystavke 1956 goda; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry [1956] 512 p. (MLRA 10:1)

1. Moscow. Vsesoyuznaya sel'skokhoziaistvennaya vystavka, 1954- (Moscow--Field crops--Exhibitions)

DRIZHAN, Ye.S., glavnyy metodist pavil'ona; PONOMARCHUK, M.K.; YARNYKH, A.M., redaktor; PEVZNER, V.I., tekhnicheskiy redaktor

["Moldavia" pavilion; a guidebook] Pavil'on "Moldavskaia SSR"; putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 26 p. (MLRA 9:9)

1. Moscow. Vsesoyuznaya sel'skokhozyaystvennaya vystavka, 1954-
2. Ispolnyayushchiy obyazannosti direktora pavil'ona (for Ponomarchuk)
(Moldavia--Agriculture)
(Moscow--Agricultural exhibitions)

GRAGEROV, I. P.; PONOMARCHUK, M. P.; STRELKO, V. V.; GANYUK, L. N.; VYSOTSKIY, Z. Z.

Free radical formation in benzoquinhydrone and phenazohydrin on solid surfaces studied by the electron paramagnetic resonance method. Dokl. AN SSSR 147 no.4:867-869 D '62. (MIRA 16:1)

1. Institut fizicheskoy khimii im. L. V. Pisarzhevskogo AN UkrSSR. Predstavleno akademikom M. I. Kabachnikom.

(Quinhydrone) (Phenazine) 'Radicals(Chemistry))

GRAGEROV, I.P.; PONOMARCHUK, M.P.

Kinetic isotopic effect of deuterium in the Etard reaction.
Zhur.ob.khim. 32 no.11:3568-3575 N '62. (MIRA 15:11)

1. Institut fizicheskoy khimii imeni L.V. Pisarzhevskogo AN UkrSSR.

(Deuterium compounds)
(Etard reaction)

5(2)
AUTHORS: Vizgert, R. V., Savchuk, Ye. K., Ponomarchuk, M. P.

SOV/20-125-6-22/61

TITLE: Use of O^{18} in the Investigation of the Mechanism of the Hydrolysis of the Nitrosubstituted Aryl Sulphonates (Issledovaniye mekhanizma gidroliza nitrozameshchennykh arilsul'fonatov s pomoshch'yu O^{18})

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 125, Nr 6, pp 1257-1259 (USSR)

ABSTRACT: The hydrolysis reactions of the esters may proceed either according to an acyl-oxygen- (Refs 1-3) or according to an alkyl-oxygen reaction (Ref 4), or finally, according to both mechanisms at the same time (rare)(Ref 5). The electric negativity of the radicals R and R' in an ester $R-C(=O)-OR'$ (Ref 6) as well as the substituents influence the hydrolysis mechanism considerably if the latter produce spatial hindrances at the place of reaction (Refs 7-9). The question as to the place of rupture and for the hydrolysis mechanism (whether it proceeds as reaction S Nr 1 or as S Nr 2) of the aryl esters of

Card 1/4

aromatic sulfo acids was decided after a long time in favor of the acyl-oxygen mechanism (Ref 21) (for phenyl-n-toluene-sulphonate). The authors' investigations (Refs 22-24) confirm the method mentioned (S Nr 2) for the aryl sulphonates. If it is taken into account that the aryl sulphonates (as well as the alkyl sulphonates) react in the above mentioned reactions under the rupture of the O—Ar-bond, it was interesting to investigate the alkaline and neutral hydrolysis of the nitrosubstituted aryl sulphonates by means of H_2O^{18}. This was to explain the place of rupture in the hydrolysis. In the present paper phenyl-4-nitrobenzosulphonate (1), 4-nitrophenyl-benzene-sulphonate (2), 2,4-dinitrophenyl-2-nitrobenzosulphonate (3), and 2,4-dinitrophenyl-p-toluene-sulphonate (4) were subjected to an alkaline hydrolysis with H_2O^{18}, furthermore the esters of the substances (3) and (4) as well as 2,4-dinitrophenyl-benzo-sulphonate. A dioxane-water medium (70% dioxane) served for this purpose. Ester and alkali (1:3) were hydrolyzed for six hours at 80° with a recooling agent. Both hydrolysis products, phenol and the sulfo acid salt were analyzed for their O^{18}-

content. The phenols contained practically no excess of heavy oxygen. The salts mentioned, however, contained a quantity of O^{18} very similar to that expected in the case of the transition of an oxygen atom into the molecule of these salts. Thus, all investigated aryl sulphonates are hydrolyzed according to the acyl-oxygen mechanism (see scheme). It may be assumed that hydrolysis takes place in consequence of a nucleophile attack of the OH-ion on a positively charged sulphur atom. A neutral hydrolysis of the ester of the 2,4-dinitrophenyl-2-nitrobenzo-sulfo acid and of the 2,4-dinitrophenyl-p-toluene-sulfo acid was not fully carried out in order to clarify the intermediate stages of the mechanism mentioned. The determined acyl-oxygen mechanism of the esters investigated here corresponded to the arylating effect of several of these esters. Finally it was proved by experiments that no undesired reactions of the isotopic exchange occur under the given experimental conditions. There are 31 references, 6 of which are Soviet.

ASSOCIATION: L'vovskiy politekhnicheskiy institut (L'vov Polytechnic

Use of O^{18} in the Investigation of the Mechanism of the Hydrolysis of the Nitrosubstituted Aryl Sulphonates

SOV/20-125-6-22/61

Institute) Institut fizicheskoy khimii im. L. V. Pisarzhevskogo Akademii nauk USSR (Institute of Physical Chemistry imeni L. V. Pisarzhevskiy of the Academy of Sciences Ukr SSR)

PRESENTED: January 15, 1959, by M. I. Kabachnik, Academician

SUBMITTED: January 15, 1959

Card 4/4

AUTHOR: Ponomarchuk, N., Foreman in Charge of Industrial Training 27-58-6-27/35

TITLE: Mamay's Experiment Is Supported by Students (Opyt Mamaya podderzhan uchashchimisya)

PERIODICAL: Professional'no-Tekhnicheskoye Obrazovaniye, 1958, Nr 6, p 32 (USSR)

ABSTRACT: The Trade School Nr 2 of Berdychev accepted the challenge of a driller, N.Mamay, who proposed to over-fulfill the daily work norm.

ASSOCIATION: Remeslennoye uchilishche Nr 2, Berdichev (Trade School Nr 2, Berdichev)

Card 1/1 1. Educational dynamics-USSR 2. Group dynamics-USSR 3. Education-USSR

AID P - 2206

Subject : USSR/Aerodynamics

Card 1/1 Pub. 135 - 7/18

Authors : Ponomarchuk, N., Capt. and Khnykov, I., Capt.

Title : Firing at unseen targets

Periodical : Vest. vozd. flota, 6, 40-42, Je 1955

Abstract : The authors describe on an example of the procedure in their unit in training in firing at invisible targets. Some information is given on firing in various cloud formations. Names are mentioned.

Institution : None

Submitted : No date

BILYAYEV, G.I. [Biliaiev, H.I.], doktor tekhn. nauk; PONOMARCHUK, S.M.

Increasing the abrasive resistance of enamel coatings. Khim. prom. [Ukr.] no.3:30-32 Jl-S '63. (MIRA 17:8)

1. Dnepropetrovskiy khimiko-tekhnologicheskiy institut.

ACCESSION NR: AP4027223 S/0184/64/000/002/0030/0032

AUTHORS: Belyayev, G. I. (Doctor of technical sciences, Professor); Ponomarchuk, S. M. (Engineer)

TITLE: Abrasion resistance of enamel coatings

SOURCE: Khimicheskoye mashinostroyeniye, no. 2, 1964, 30-32

TOPIC TAGS: enamel, enamel coating, enamel abrasion, neutral abrasive, acid abrasive, enamel strength, annealing temperature effect, hard admixture effect, heat-resistant admixture, chromoum oxide, synthetic corundum, quartz sand

ABSTRACT: This study of abrasion resistance made it possible to determine the requirements for an increase in the durability of various enamel coatings. The abrasion resistance was evaluated from the loss of weight in an enamel sample subjected to a 2-hour abrasion test series. The experimental results are presented graphically (see Figs. 1, 2, and 3 on the Enclosures). Quartz sand (dry, with water, or with 0.5% H_2SO_4) served as the abrasive agent. Material destruction observed during tests with moist, neutral abrasive was of the same nature as the

Card 1/5

ACCESSION NR: AP4027223

destruction produced by acid abrasion, but the quantity of the material removed was larger in the second case. The addition of chromium oxide, synthetic corundum, and quartz sand into the dross in the quantities of 15, 25, 35, and 50% increased the abrasion resistance of enamels. According to the intensity of their effect on enamel hardness these substances are listed in an ascending order: chromium oxide, synthetic corundum, sand. The use of such admixtures requires an increase in the temperature of the enamel treatment to ascertain the optimal degree of sintering and fusion. The proper temperature and the duration of heating should be determined experimentally. Orig. art. has: 3 tables and 4 figures.

ASSOCIATION: none

SUBMITTED: 00 DATE ACQ: 17Apr64 ENCL: 03

SUB CODE: CH, ML NO REF SOV: 004 OTHER: 000

Card 2/5

ACCESSION NR: AP4027223

ENCLOSURE: 01

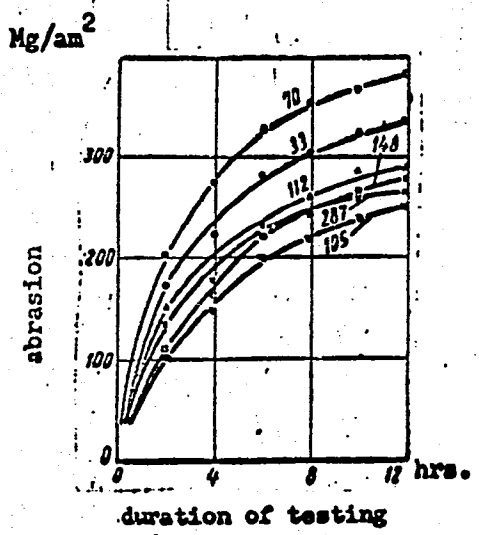


Fig. 1. Abrasion of different enamels under the action of acid abrasive (the serial numbers of enamels tested are marked by figures).

Card 3/5

ACCESSION NR: AP4027223

ENCLOSURE: 02

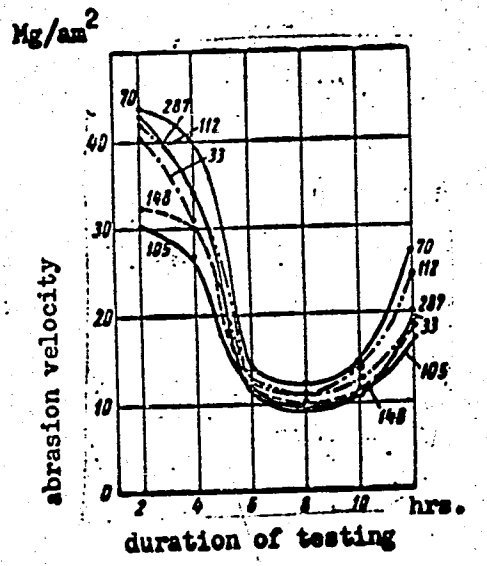


Fig. 2. The velocity of enamel coating destruction.

Card 4/5

ACCESSION NR: AP4027223

ENCLOSURE: 03

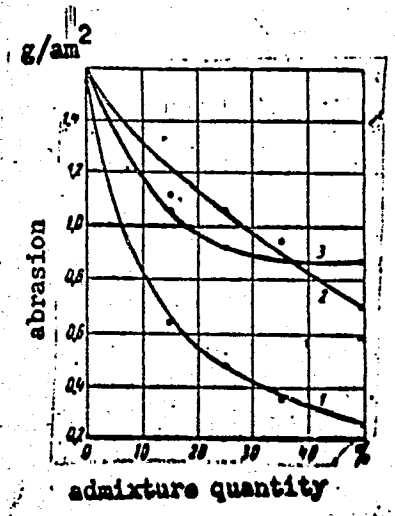


Fig. 3. The effect of different admixtures on the abrasion resistance of enamel No. 105.

1 - chromium oxide; 2 - synthetic corundum
3 - quartz sand

Card 5/5

ACC NR: AP7006801 SOURCE CODE: UR/0418/66/000/006/0081/0084

AUTHOR: Ponomarchuk, S. M. (Engineer); Barinov, Yu. D. (Candidate of technical sciences); Tovarenko-Klimenko, N. N. (Engineer)

ORG: None

TITLE: Investigation of boron-containing priming enamels

SOURCE: Tekhnologiya i organizatsiya proizvodstva, no. 6, 1966, 81-84

TOPIC TAGS: corrosion protection, boron, metal coating, ceramic to metal seal, silicate

ABSTRACT: The article is a report on comparative studies of a number of properties of silicate enamels used for protecting steel parts from corrosion. A high-quality glass-metal composition was produced by adding boron oxide to the enamel coatings in the form of borax, calcium borate, concentrated danburite (30% CaO, 20% B_2O_3, 39% SiO_2, 1.7% Al_2O_3, 2.4% Fe_2O_3, 6.9% calcination loss), and concentrated datolite (39.5% CaO, 17.5% B_2O_3, 27.5% SiO_2, 1.1% Al_2O_3, 2.3% Fe_2O_3, 12.1% water plus calcination loss). It was found that prime enamels containing a high concentration of calcium are extremely resistant to water. This may interfere with normal aging of the slip which sometimes has a detrimental effect on the stability of its working parameters. For this reason, complete melting is preferable when founding prime enamels based on danburite and datolite concentrates. This assures proper lixivation of the frits and stabilizes

 UDC: 666.293

ACC NR: AP7006801

the properties of the slip. In order to study coating quality, steel oxidizability, adhesion between prime coats and metal, and tendency to "fish scaling", frits were pulverized with additions of 6 parts by weight of clay, 45 parts by weight of water and 0.5, 0.6, 0.7 and 0.8 parts by weight of borax for prime coats based on borax, calcium borate, danburite and datolite respectively. The results are tabulated for 11 types of enamel. The results show that Soviet boron-containing materials may be used in priming enamels to replace borax which is relatively scarce. Orig. art. has: 4 tables.

13/

SUB CODE: 11/ SUBM DATE: None

Card 2/2

L 52121-65 EPA(s)-2/EPA(w)-2/EWT(m)/EWP(i)/EWP(b)/EWP(e) Pt-7/Pab-10 WH

ACCESSION NR: AP5015359 UR/0286/65/000/009/0111/0111

AUTHOR: Belyayev, G. I.; Barinov, Yu. D.; Belyy, Ya. I.; Ponomarchuk, S. M.

TITLE: Silicate low-boron enamel. Class 48, No. 170814

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 9, 1965, 111

TOPIC TAGS: enamel, boron, borax

ABSTRACT: This Author's Certificate introduces a silicate low-boron enamel which is [illegible] sand, feldspar, soda ash, sodium nitrate, cryolite, titanium di- [illegible] boron anhydride.

Since borax is not easy to obtain, ...
which contains boron anhydride.

ASSOCIATION: none

SUBMITTED: 11May63 ENCL: 00 SUB CODE: MT

NO REF SOV: 000 OTHER: 000

Card 1/1 ...

BELYAYEV, C.I., doktor tekhn. nauk [deceased]; YES'KOV, A.S., inzh.; SMAKOTA, N.F., kand. tekhn. nauk; PONOMARCHUK, S.M., inzh.

Corrosion of steel in silicate and borosilicate melts. (MIRA 18:9)
Mashinostroenie no.5:87-89 S-O '65.

PONOMARCHUK, T.F.

Use of the induction method of studies for determining the productivity of low-ohmic reservoir rocks in the Kuma Valley. Razved. geofiz. no.5:116-124 '65. (MIRA 18:9)

PONOMARCHUK, V.A., aspirant

Use sandy soils efficiently. Zemledelie 27 no.6:29-30 Je '65.
(MIRA 18:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut agrolesomelioratsii.

ABRAMOVA, Z.V., kand.sel'skokhoz.nauk; SHUROVENKOV, Yu.B.; PONOMARCHUK, V.I. (Uzhgorod); KHODYREV, N.G., agronom (Ust'-Labinskiy rayon, Krasnodarskogo kraya); KASUMOV, V.G., nauchnyy sotrudnik; PROKOF'YEV, M.A.; SIZOVA, G.S.

Brief information. Zashch. rast. ot vred. i bol. 9 no. 4:48-50 '64. (MIRA 17:5)

1. Leningradskiy sel'skokhozyaystvennyy institut (for Abramova). 2. Zaveduyushchiy laboratoriyey zashchity rasteniy Kurganskoy oblastnoy sel'skokhozyaystvennoy opytnoy stantsii (for Shurovenkov). 3. Azerbaydzhanskiy institut zashchity rasteniy (for Kasumov). 4. Altayskaya opytnaya stantsiya sadovodstva (for Prokof'yev, Sizova).

PONOMARCHUK, V.I.

Vertical distribution of ground beetles (Coleoptera, Carabidae) in Transcarpathia. Zool. zhur. 42 no.10:1485-1493 '63. (MIRA 16:12)

1. Zoological Institute, The State University of Uzhgorod.

PONOMARCHUK, V. I.

USSR/General and Special Zoology. Insects P

Abs Jour : Ref Zhur - Biol., No 6, 1958, No 25625

Author : Ponomarchuk V.I.
Inst : Not Given
Title : The Spreading of Carabid Beetles (Carabidae) in the Transcarpathian Region. (Rasprostraneniye zhuzhelits (Carabidae) Zakarpatskoi oblasti).

Orig Pub : Nauchn. zap. Uzhgorodsk. un-ta, 1956, 21, 167-176

Abstract : The characteristic of complexes of species of carabid beetles in three vertical zones of the Transcarpathian region. About 60 endemic species and subspecies were noted. (forty species were endemic only in the Carpathian region, eleven were endemic to the Eastern Carpathians).

Card : 1/1

PONOMARCHUK, V.I.

Ecology and geographical distribution of ground beetles in Transcarpathia. Nauk. zap. UzhGU 40:189-192 '59. (MIRA 14:4)

1. Uzhgorodskiy gosudarstvennyy universitet.
(Transcarpathia--Ground beetles)

M.

USSR/Cultivated Plants - Fruits. Berries.

Abs Jour : Ref Zhur - Biol., No 10, 1958, 44313

Author : Ponomarchuk, V.P.

Inst : Institute of Agriculture, Kazakh Affiliate, All-Union Academy of Agricultural Sciences.

Title : The Problems of Cultivating Apricots in the Ala-Tau Region Beyond the Uli River.

Orig Pub : Tr. In-ta zemledeliya. Kazakhsk. fil. VASKhNIL, 1956, 5, 292-331.

Abstract : This article reports the results of the study of non-irrigated cultivation of the apricot in the mid-mountain zone of Trans-Iliy Ala-Tau conducted by the Institute of Agriculture in 1943-1951 on the slopes of the Kamenka canyon 10 km to the south of Alma-Ata. The study covered wintered resistance, yield, periods of maturing and

Card 1/3

F. G. PONOMAREV

Reaction of glycidol and its ethers with acid amides. V.
Reaction of ethers of glycidol with ammonia. F. G. Ponomarev (Voronezh State Univ.). *Zhur. Obshchei Khim.* 23, 650–03(1953); cf. *C.A.* 47, 3794f.—$O.CH_2.CHCH_2OMe$ (I) (16 g.) slowly added to 50 g. 25% NH_4OH and allowed to stand 24 hrs. gave 43% $H_2NCH_2CH(OH)CH_2OMe$ (II), b_{11} 101–3°, b. 169–71°, d_4^{20} 1.0604, n_D^{20} 1.4590, rather hygroscopic, and 4.9 g. mixed secondary and tertiary amines (see below). I (16 g.) and 235 g. 25% NH_4OH gave 55% mixed secondary-tertiary amines;

$O.CH_2.CHCH_2OEt$ (30 g.) in 450 g. 33% NH_4OH gave after 24 hrs 54.2% $H_2NCH_2CH(OH)CH_2OEt$, b_{11} 105–7°, d_4

m. 58-60°, while the ext. gave 1.1 g. N(CH₂CH(OH)CH₂ Me)₂ partly solidified oil (neither product was purified).

1 E

Automation and Telemechanics

1337. ON DESIGNING THE SHAPE OF THE POLES OF INDUCTIVE AND ELECTROMAGNETIC RELAYS OF THE DYNAMOMETER TYPE.—Ponomarenko. (Automatics & Telemechanics [in Russian], No. 2, 1941, pp. 95-102.)

The characteristic of a dynamometric relay is determined mainly by the couple, which is a function of the magnetic field in the air gap. The field in its turn depends on the air gap and the pole shape. The field is represented by a Laplace equation (1), and in the present paper a method is proposed for designing the shape of the poles on the basis of a solution of this equation.

PONOMARENKI, A. I.

Coal Mines and Mining - Rostov Province

Let's greet Miners' Day with new victories! Ugol', 27, No. 8, 1952

9. Monthly List of Russian Accessions, Library of Congress, November 1952 Uncl.

WE

Subsidiary separator & material

1337. ON DESIGNING THE SHAPE OF THE POLES OF INDUCTIVE AND ELECTROMAGNETIC RELAYS OF THE DYNAMOMETER TYPE.—Ponomarenko. (*Automatics & Telemechanics* [in Russian], [illegible] pp. 95-102.)

The characteristic of a dynamometric relay is determined mainly by the couple, which is a function of the magnetic field in the air gap. The field in its turn depends on the air gap and the pole shape. The field is represented by a Laplace equation (1), and in the present paper a method is proposed for designing the shape of the poles on the basis of a solution of this equation.

ACCESSION NR: AP5011971

AUTHORS: Ponomarenko, A. (Docent); Romanova, V.

TITLE: On the lasting effects of hexachlorane

SOURCE: Zashchita rasteniy ot vrediteley i bolezney, no. 7, 1965, 25

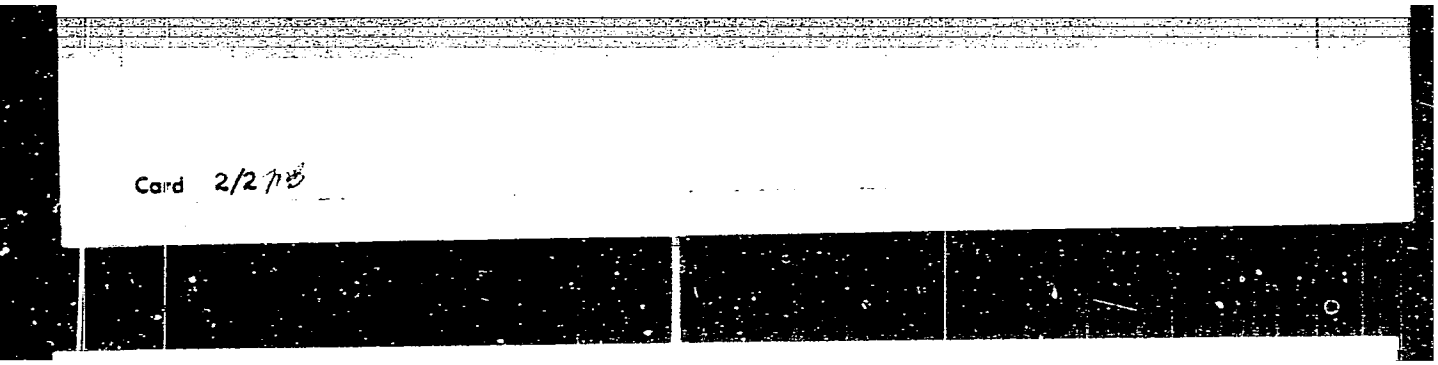
TOPIC TAGS: agriculture, pesticide, biological research, insect

ABSTRACT: Strip application of 10% hexachlorane mixed with mineral [illegible] was tested successfully and in raising acceptance in [illegible]

L 45368-65

ACCESSION NR: AP5011971

treated plat. The yield on the latter was 5 centners/ha greater than on the [illegible]. The same plots were planted in corn in 1963. The treated one was



APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001342110011-7"

MALINOVSKIY, V.G., inzh.; PONOMARENKO, A.A., inzh.; BER, Z.I., inzh. [deceased]; SLOBODCHIKOV, Ye.L., inzh.; LAVRIK, P.F., inzh.; prinimal uchastiye Nizin, N.I., tekhnik

Automatic built-up welding of iron mill rolls. Svar.proizv. no.7:24-26 Jl '60. (MIRA 13:7)

1. Yenakiyevskiy metallurgicheskiy zavod (for Malinovskiy, Ponomarenko, Ber). 2. Zhdanovskiy metallurgicheskiy institut (for Slobodchikov, Lavrik). 3. Prokatnaya laboratoriya Yenakiyevskogo metallurgicheskogo zavoda (for Nizin).
(Rolls (Iron mills)—Maintenance and Repair)
(Electric welding)

1. PONOMARENKO, A. A.

2. USSR (600)

4. Cotton Growing

7. Reproductive processes in cotton in connection with the density of stand. Soob.TFAN SSSR no. 31, 1951

9. Monthly List of Russian Accessions, Library of Congress, March 1953, Unclassified.

1. PONOMARENKO, A. A.

2. USSR (600)

4. Cotton Growing

7. Effect of leaf reduction of cotton after the method of T. D. Lysenko, Soob. TFAN SSSR no. 31, 1951

9. Monthly List of Russian Accessions, Library of Congress, March 1953, Unclassified.

PONOMARENKO, A.A.

Methods and periods of initial irrigation of cotton. Izv.Otd. est.nauk AN Tadzh.SSR no.12:133-142 '55. (MLRA 9:10)

1. Otdel khlopkovodstva AN Tadzhikskoy SSR.
(Cotton growing) (Irrigation)

PONOMARENKO, A.A.

New methods of preparing ground for planting cotton. Izv. Otd. est. nauk AN Tadzh.SSR no. 18:119-138 '57. (MIRA 11:8)
(Tajikistan--Cotton growing)
(Plowing)

DZHABIROV, Sharif; MAKHATOV, Amir; PONOMARENKO, A.A., red.; KUCHINSKIY, V., red.; POLTORAK, I., tekhn.red.

[Topping cotton plants] O chekanke khlopchatnika. Stalinabad, Tadzhikskoe gos. izd-vo, 1958. 4 p. (MIRA 12:1)
(Cotton growing)

BABAYEV, Alaudin Ishanovich; KUCHINSKIY, V., red.; PONOMARENKO, A.A., red.; POLTORAK, I., tekhn.red.

[Cotton seed production] Semenovodstvo khlopchatnika. Stalinabad, Tadzhikskoe gos. izd-vo, 1958. 9 p. (MIRA 12:1)
(Cotton growing) (Seed production)

PASHIDOV, Khabib Ishonkhodzhayevich; PONOMARENKO, A.A., red.; KUCHINSKIY, V., red.; POLTORAK, I., tekhn.red.

[Applying fertilizers during the planting of cotton] Priposevnoe udobrenie khlopchatnika. Stalinabad, Tadzhikskoe gos. izd-vo, 1958. 11 p. (MIRA 12:1)

(Cotton--Fertilizers and manures)